ZENEC

TOUCH ANOTHER WORLD

ZE-NC620D

2-DIN NAVICEIVER

WWW.ZENEC.COM.AU

ZENEC ZE-NC620D – Communication – Navigation – Entertainment

ZENEC's multimedia navigation systems use the most advanced technologies and offer you the very best quality with an enormous range of features in an easy to use format. ZENEC is Germanys undisputed market leader for in-car multimedia and navigation devices. With each new product generation, they are consistently extending their position as the market leader.

Communicate on the go

Also included is the integrated hands-free system from Parrot, which communicates perfectly with your phone and leaves you free to make and receive calls while driving. For users who prefer music from their mobile phone, A2DP with AVRCP 1.3 is also supported.

Navigate with ease

While the ZE-NC620D is a flexible entertainer, it is also a well equipped navigator too, with features such as Real Junction View and text-to-speech. The maps of the ZENEC naviceiver can also be regularly updated through Naviextras.

Multimedia on the move

The ZE-NC620D gives you the ultimate in audio, video and communication features and combines them with an innovative navigation system. This allows you to enjoy the whole range of digital entertainment whilst navigating throughout Australia and New Zealand. ZENEC's top naviceiver integrates perfectly into the 2-DIN slot of your car's centre console and its elegant design is easy on the eye.

The integrated CD/DVD drive, USB connection and SD/SDHC card reader accept the playback of all the current media and A/V formats, including the Xvid format for AVI files. Using your iPod or iPhone's USB cable or the optional ZE-NC-IPS interface cable you can easily connect your device to the ZENEC naviceiver and control it via the touchscreen display.

The integrated AM/FM radio tuner offers you the best reception quality, a full range of RDS functions and many additional convenient features, like 30 station presets. For powerful playback of all A/V formats, the ZE-NC620D is equipped with a built-in digital 4 x 50 watt power amplifier.

Features

TOUCH PANEL · HD 800 x 480 TFT LCD PANEL · DVD · 24 bit D/A CONVERTER · 4.1CH 4V LINE-OUT · Made for iPod · Made for iPhone · USB 2.0 · SD HC

MULTI COLOR BUTTON ILLUMINATION · BUILT-IN 12V PHANTOM POWER · STALK/CAN INTERFACE READY · DVB-T Ready · DAB+ Ready · SECURITY CODE · FULL MAP BUNDLE · 8GB 8 ON-BOARD NAV MEMORY

Parrot move wireless | Xvid Mobile

Wireless communication via Bluetooth

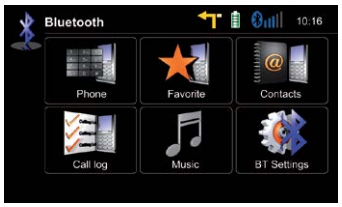
The ZE-NC620D is equipped with a high-tech Bluetooth module from Parrot, the specialist for mobile communications, which gives you the convenience of operating a Bluetooth-capable mobile phone. This guarantees you a wide range of functions and maximum compatibility with many mobile phone models.

Make calls without noise interference
With ZENEC you can make phone calls in excellent quality - either using the integrated microphone or the multi-directional, freely positionable external microphone supplied with your ZE-NC620D. Thanks to the innovative audio DSP, unwanted ambient sounds are filtered out more efficiently to offer improved sound clarity.

Easy to operate
Parrot makes for very easy operation when driving. The caller's number, phone book entries and other information are clearly shown on the naviceiver's display. The address book of your mobile phone is automatically synchronized with the naviceiver as well. You can easily search for phone book entries – simply tap in the initial letters of the contact you want to dial. This search function is really an enormous benefit for professional use. Even special characters are no problem thanks to the multilingual keypad.

Bluetooth always up to date
The firmware of the Bluetooth component can be conveniently updated using a USB stick if, for example, you would like to use a brand new mobile phone model. Thus, the range of compatible mobile phones can be expanded, keeping Bluetooth on the device future proof.

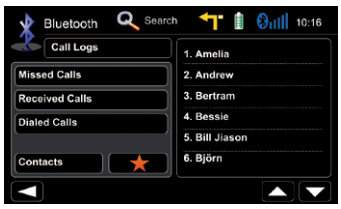
Bluetooth Features:
• Connection of up to 5 mobile phones • synchronization of up to 1,000 contacts with up to 5 telephone numbers per contact • alphabetical search function for contacts • multilingual input keypad, including special characters and special letters • Quick Dial manu for up to 5 favourite contacts • memory for dialed, received and missed calls • redialing • switch between hands-free and mobile phone • internal and external microphone • future-proof upgradable Bluetooth firmware



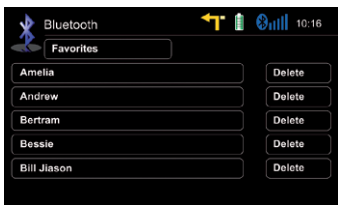
Making Calls
Use the clear Bluetooth menu to easily control all telephone functions - a touch is all it takes.

Easy connections
You can connect up to 5 mobile phones to the ZE-NC620D, each having 1000 contacts. The address book of your mobile synchronizes with the ZENEC naviceiver automatically.

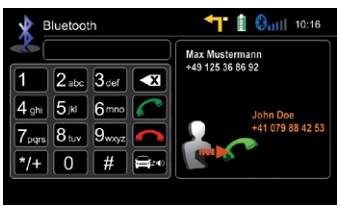
Fast contact entry search
The alphabetic search function makes finding a contact easier: simply type in the initial letters. You can seach using up to 15 letters.



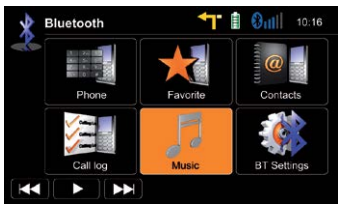
Comfortable contact management
You can search for a contact in the phonebook or in the favourites list. But you can also display the list of outgoing, incoming or missed calls.



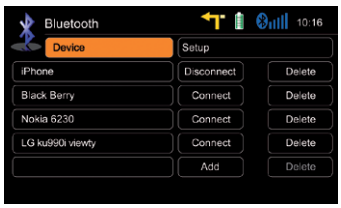
Quick-Dial menu
Phone numbers that you use frequently can simply be saved as favourites – so you have fast access to your most important contacts at all times.



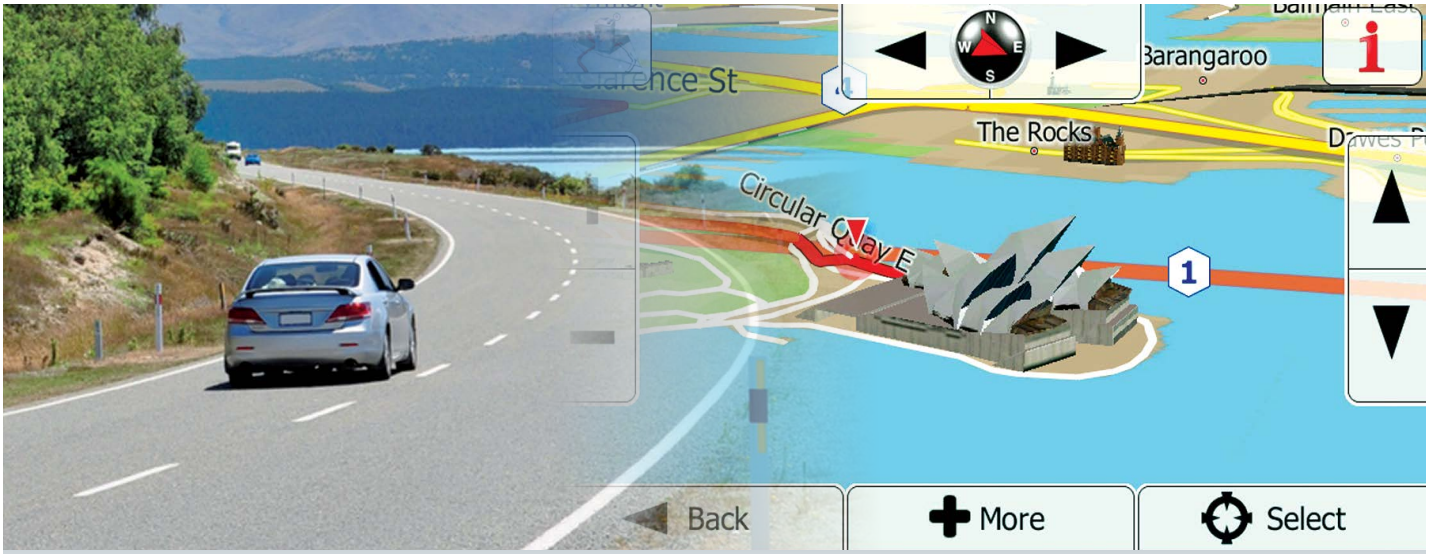
No missed calls
The ZENEC Bluetooth system allows for multiple calls so that you can conveniently switch back and forth between two active telephone calls.



Music over your mobile phone
Music stored in your mobile phone can be played back over the ZE-NC620D thanks to A2DP and AVRCP. The playback is easily controlled via the touchscreen.



Clear management
With the ZENEC naviceiver you never lose track. At a glance you can see all the connected mobile phones and manage these conveniently via the touchscreen.



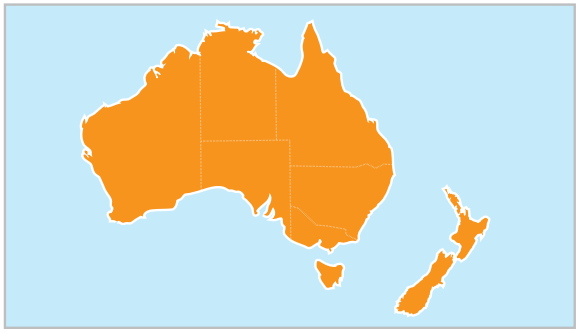
Your Perfect Navigator

ZENEC's ZE-NC620D comes preloaded with the latest maps of Australia and New Zealand (with Premium POI's), which appear highly realistic thanks to the 3D high-definition rendering of terrain and 3D objects. With 8GB of flash memory, there is more than enough memory available for expansion of map content and updates of map packages with 3D buildings and landscape features.

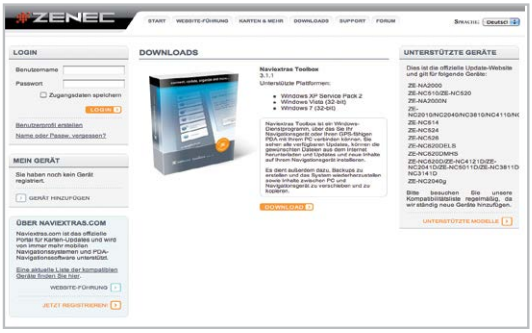
ZENEC's innovative navigation software makes the destination and route selection even easier and more intuitive. The quick menu provides access to all navigation functions. The "Smart" and "Eco" route calculation modes, for shorter and/or more economical driving, are hard to beat.

Features like the Real Junction View, the Lane Assistant or the Auto Zoom at crossing and junctions assist orientation in more complex traffic situations. The ZE-NC620D also has both visual and audible warnings to indicate speed limits on major roads.

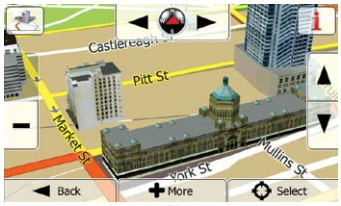
You can update the ZE-NC620D content package, expand the navigation content with additional maps or download the newest 3D city maps.



Navigate through Australia & New Zealand the clever way
Detailed maps of Australia & New Zealand make sure you know where you are at all times. Choose from 28 different menu and voice languages.



Latest Map Guarantee
Have confidence in the navigation knowing that your ZE-NC620D comes pre-installed with the latest maps available and complimentary updates for one year. Future map updates can be purchased through ZENEC Australia.



High-resolution 3D maps

The high-resolution WVGA display of the ZE-NC620D ensures that all maps appear crystal clear. 3D orientation points and very realistic 3D city maps make navigation in big cities even more comfortable for you.

Topographic maps

Realistic 3D landscape views lead you through complex terrains. Choose between different designs for day and night. Thanks to GPS time acquisition, the ZE-NC620D can also automatically switch between day and night modes.

Text-to-Speech

The ZE-NC620D also displays the names of crossroads. And if you wish, it will read out the street names to you, thanks to the integrated Text-to-Speech function – in this way you can concentrate fully on the traffic while driving.

Real Junction View

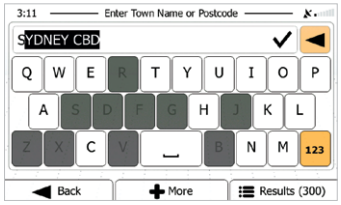
Features like the new photo-realistic Real Junction View of exit points on freeways, the Lane Assist and the Smart-zoom function at junctions and exit points facilitate orientation, particularly in complex traffic situations.

Navigation Features

- Integrated 3D High Definition navigation with pre-installed map data for Australia and New Zealand.
- 8 GB internal flash memory for navigation software – the SD/SDHC card slot stays available for A/V use
- Graphical user interface and voice guidance in 28 different languages
- Premium POI database
- 2D or 3D map view with auto-zoom and realistic display of 3D terrains and 3D landmarks
- Text to Speech function (TTS)
- Eco and Smart Route Planning
- Smart-zoom function at intersections and crossings
- Tunnel mode
- Real Junction View and highway mode with Real Signpost rendering
- Outlook address import
- “Where-Am-I” function
- Trip computer: configurable display of three additional pieces of information, with the choice of arrival time, journey time, speed, direction, height above sea level, etc.
- visual and audible warning to indicate speed limits on major roads
- Latest Map Guarantee plus 1 year of complimentary navigation updates
- Map updates via the online-portal: www.zenec.naviextras.com
- external GPS antenna included in the delivery

Reach Points Of Interests fast

The ZE-NC620D has a Premium POI database with more than 750,000 entries. Using the well designed search menu makes it easy to select special destinations.



Intelligent destination input

To select a destination, you need to enter only a few letters – the ZE-NC620D completes your input and automatically proposes appropriate destinations.

Intelligent route planning

So that you can optimize the route exactly as you want, you have a choice between various route calculation methods: short, fast, Eco and easy.

Practical trip computer

The trip computer gives you a summary of the most important trip data, such as your average speed, arrival time or real travel time to destination.

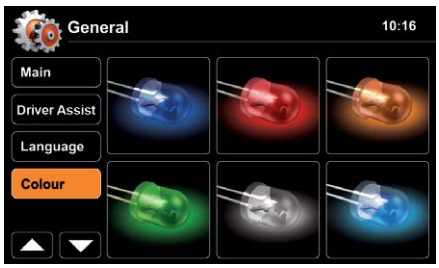
Where Am I? function

With the ZE-NC620D you are well prepared for all emergencies. Use the “Where Am I?” function to find hospitals, police stations, ATM's, petrol stations and much more in your vicinity - all available at your finger tip.

Importing your Outlook contacts

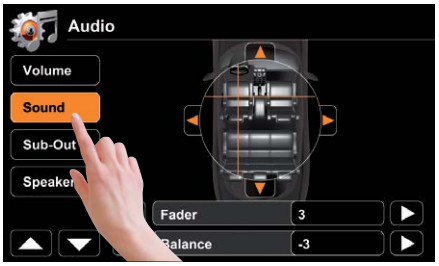
Have you saved important contacts on your computer in MS Outlook? You can easily import these contacts directly into the navigation software of the ZE-NC620D by using the Naviextras Toolbox.

Steering wheel remote control integration
With a CAN/stalk adapter obtainable as an optional extra, the ZENEC naviceiver ZE-NC620D can be interfaced to a factory installed steering wheel remote control, where applicable.

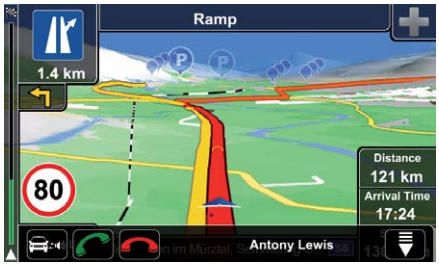


Multicolour button illumination
Visual integration is also taken care of. The Multicolour button illumination enables harmonization with the cockpit lighting of the most common car models. There is a choice of six colors.

Easy Installation
Since all connections are of plug-in type, the ZE-NC620D can be easily installed at any time. The connection of additional components like monitors, DVB-T tuner or rear-view camera is also possible without time-consuming installation.

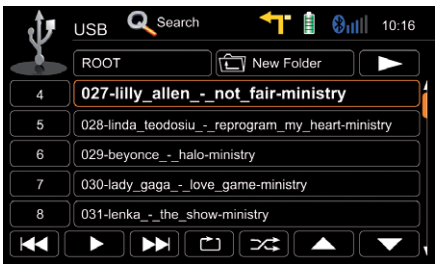


Optimized ease of use
The clearly designed menus are self-explanatory and easy to operate. Large control fields and logically structured navigation ensure that the ZE-NC620D can also be controlled safely while you are driving.



All-round information
Thanks to the infobar function, you will be notified of incoming calls and/or audio features without leaving the navigation mode. In other playback modes there is also a navigation infobar to keep you updated when to take the next turn or exit.

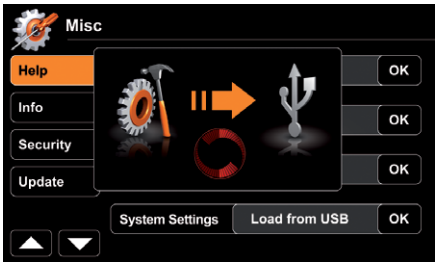
Simple connection of iPod/iPhone
Connect you iPod and iPhone to the ZE-NC620D via the USB port of the Media link box. The display of Album Artwork is integrated in the iPod/iPhone menu. This menu also gives you the facility to search for a title or an artist alphabetically.



Easy folder management
The folder structures of your iPod/iPhone and also that of the files stored on your USB stick are completely adopted by the ZE-NC620D. Thus you have access to your files at all times without excessive search actions.

High-resolution LCD TFT display
The ZE-NC620D has a digital HD WVGA TFT LCD panel. Its 800 x 480 pixels format ensures high resolution and crisp images. The colourful display brings the best out of your video's.

Easy parking and maneuvering
You can also easily connect a rear-view camera to the ZE-NC2041D. The extensive ZENEC range of accessories offers you a large selection of different models like vehicle-specific camera for your car.



Import/export of user settings
A very user-friendly feature is the export and import function of user settings via the USB port. All important user settings can be saved in no time onto a USB stick and reloaded later.

Individual entertainment
You want to listen to the radio while the backseat passengers enjoy a video on the head rest monitor with head phones? The ZE-NC620D is designed with M-Zone (Multi-Zone) operation. This allows the front and rear channels to be split for the transmission of two different program sources.

24-bit D/A converter
Whether you enjoy playing your songs from CD's or as MP3 tracks via an iPod, the ZE-NC620D has a 24-bit digital/analog converter for high signal-to-noise ratios and finest possible resolution of digital audio formats.

Navigation navigate by touchscreen quickly and easily throughout Australia & New Zealand	**DVD player** plays CD, CD-R/RW, MP3, WMA, DVD, DVD±R/RW, DVD-MP3, AVI, Xvid and JPEG	**RDS tuner** with automatic station search, 30 station memory (18 FM/ 12 AM) and best station memory	**USB** USB direct connection via Media link box (included), operated via the touchscreen	**Camera** rear view camera input, manually or automatically activated by putting the car in reverse	**iPod/iPhone** iPod/iPhone direct connection and operation via touchscreen
SD/SDHC card reader integrated SD/SDHC card reader to play video files, music, etc., SDHC compatible up to 32 GB	**Bluetooth/A2DP** integrated Parrot Bluetooth module for hands-free operation and audio streaming, upgradable firmware	**A/V input** A/V port (RCA) for the connection of other external A/V devices like gaming consoles, etc.	**M-Zone** separate A/V playback zones divided into front and rear seat entertainment	**Xvid** Xvid is the container format of choice. Over 90% of present-day AVI files are encoded with Xvid.	**Security code** intelligent anti-theft protection based on software monitoring of the power supply

Limitless Connectivity

Due to the integrated USB port and the various A/V in and outputs, there is almost nothing that cannot be connected to the ZENEC naviceiver. The ZENEC program has a wide selection of multimedia-based additional components that are optimally suited to the ZENEC naviceiver. All equipment – external monitors, DVB-T and DAB+ reiceivers or rear view cameras – can be connected directly to the naviceiver and operated via the touchscreen.

Media Link box

The delivery scope of the ZE-NC620D contains the compact Media link box with a high-speed USB 2.0 port and an A/V input (3.5 mm plug). With this compact box (with 1.5 m cable extension) to be stowed away in a convenient place like the centre console or the glove box, you can quickly connect or disconnect additional components like a USB stick, an iPod/ iPhone or external MP3 player.

Connection of iPod/iPhone

Your iPod and iPhone can be connected using your USB cable or the optional ZE-NC-IPS lead (which enables iPod video). The ZE-NC-IPS not only allows for quick access to all files, but also the control of audio tracks, videos or Podcasts via the naviceiver's touchscreen. It will also charge your iPod and iPhone while you car is on.

Accessories

The ZENEC product range includes many accessories that compliment the ZE-NC620D such as:

- Rear cameras
- Digital TV Tuner
- DAB+ Tuner
- Rear seat entertainment

ZE-NC620D Main Features

GPS NAVIGATION SYSTEM

- 3D High-Definition navigation system
- External GPS antenna
- 8 GB internal flash memory with map data for Australia and New Zealand and Premium POI database
- Graphical user interface and voice guidance in 28 different languages
- 2D or 3D map view with auto-zoom and display of 3D terrains and 3D landmarks
- Eco and Smart Route Planning, Outlook address import, Real Junction View and Real Signpost rendering etc.
- Text to Speech function

PARROT BLUETOOTH HANDS-FREE MODULE

- Synchronization of up to 1,000 contacts with up to 5 telephone numbers per contact
- Alphabetical search function for contacts
- Internal and external microphone
- Future-proof upgradable Bluetooth firmware

MULTIMEDIA PLAYER

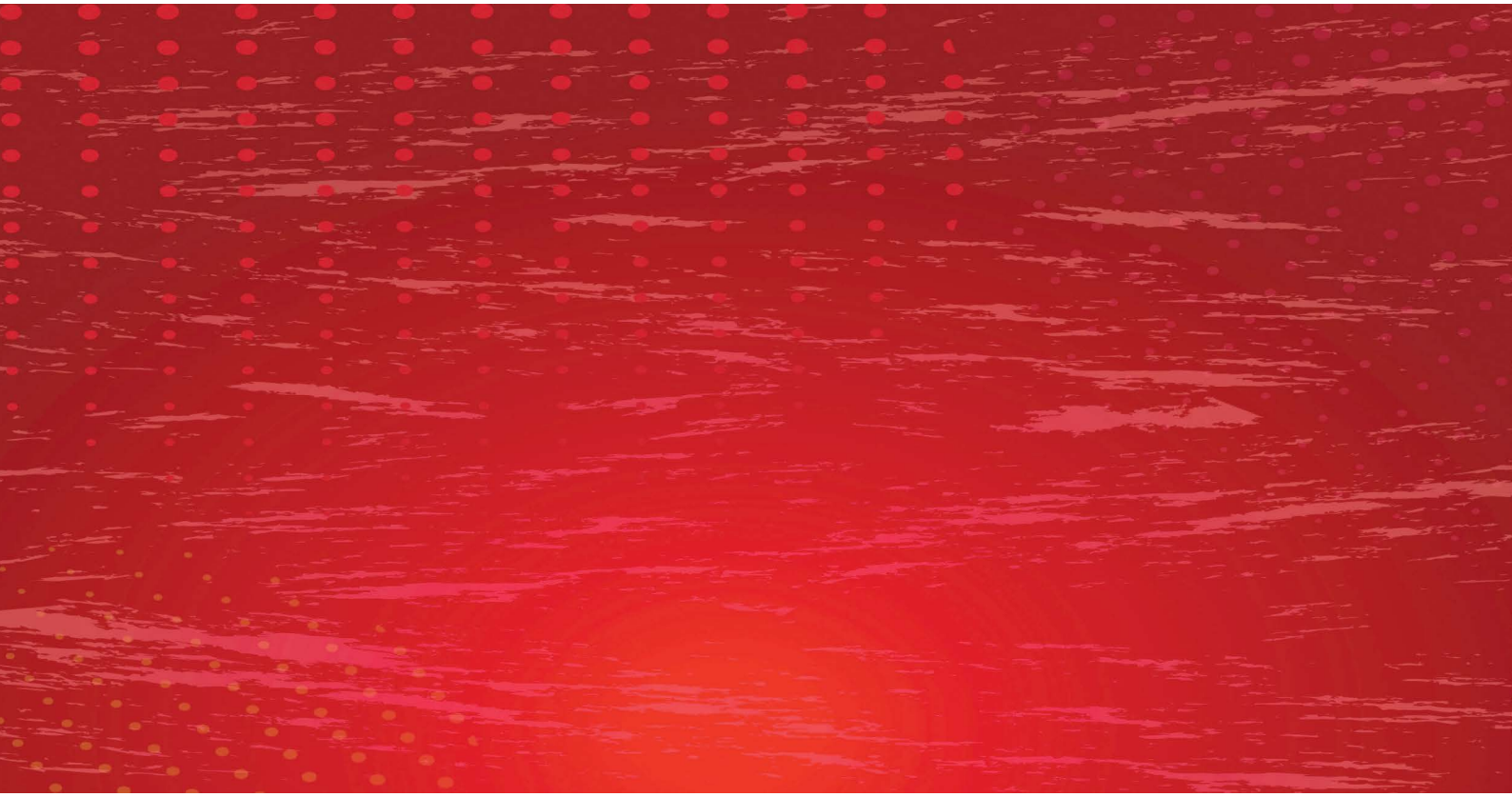
- DVD loader
- USB 2.0 port (via Media-Link box)
- SD/SDHC card reader (up to 32 GB)
- Made for iPod/Made for iPhone
- Playback DVD loader: CD, CD-R/RW, MP3, WMA, DVD, DVD±R/RW, DVD-MP3, AVI, Xvid and JPEG
- Playback SD/USB: MP3, WMA, AVI, Xvid, H.264 and JPEG

GENERAL FEATURES

- Intuitive, user friendly HMI in 20 different languages
- 6.2"/15.7 cm 16:9 HD TFT-LCD display with 800 x 480 pixel resolution and touchscreen control
- RDS tuner with 30 preset stations (18 FM/12 AM)
- Multi-zone function
- 4 x 50 watts class-D amplifier
- Multicolour key illumination
- 2 x IR-remote control

A/V-CONNECTIONS

- 4.1-CH preamp line outputs
- 2-CH preamp line outputs without volume adjustment
- 2 x composite video outputs (NTSC)
- 1 x A/V-input
- 1 x video input for rear view camera with switching function
- Connectivity for compatible external DVB-T or DAB+ receivers



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